

**ABSTRACT**

[0069] A free spinning rim assembly is provided which is mountable to a first and second face of a motorcycle wheel including an axle shaft through its axis of rotation. The spinning rim assembly includes a spinner, which rotates about and is positioned circumspect the axle shaft, in proximity to the wheel face. The spinner rotates around the axle shaft at a different angular speed relative to the wheel on which it is mounted. The spinning rim assembly includes a spinning rim having a central bore, which is supported by a friction reducing means positioned in the spinner central bore. The friction reducing means is supported by a retaining means, which is further supported by the wheel hub.